

Chona Lake system, Russia

Sentinel-1 CSAR IW acquired on **09 April 2018** at 22:54:51 UTC
Sentinel-2 MSI acquired on **11 April 2018** at 04:07:11 UTC
Sentinel-1 CSAR IW acquired on **24 September 2018** at 22:54:59 UTC

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[2D Layerstack](#)

Fig. 1 - S2 (11.04.2018) - 8,4,3 colour composite - Vilyuy dam when the surface of its reservoir lake was frozen.

[2D view](#) [3D view](#)



Fig. 2 - S1 (24.09.2018) - vv,vh,vv colour composite - Chernyshevsky, one of the few cities of Mirninsky District, Sakha Republic.

[3D view](#)



Fig. 3 - S2 (11.04.2018) - 12,11,2 colour composite - View of the network of frozen lakes that feed the dam.

[3D view](#)

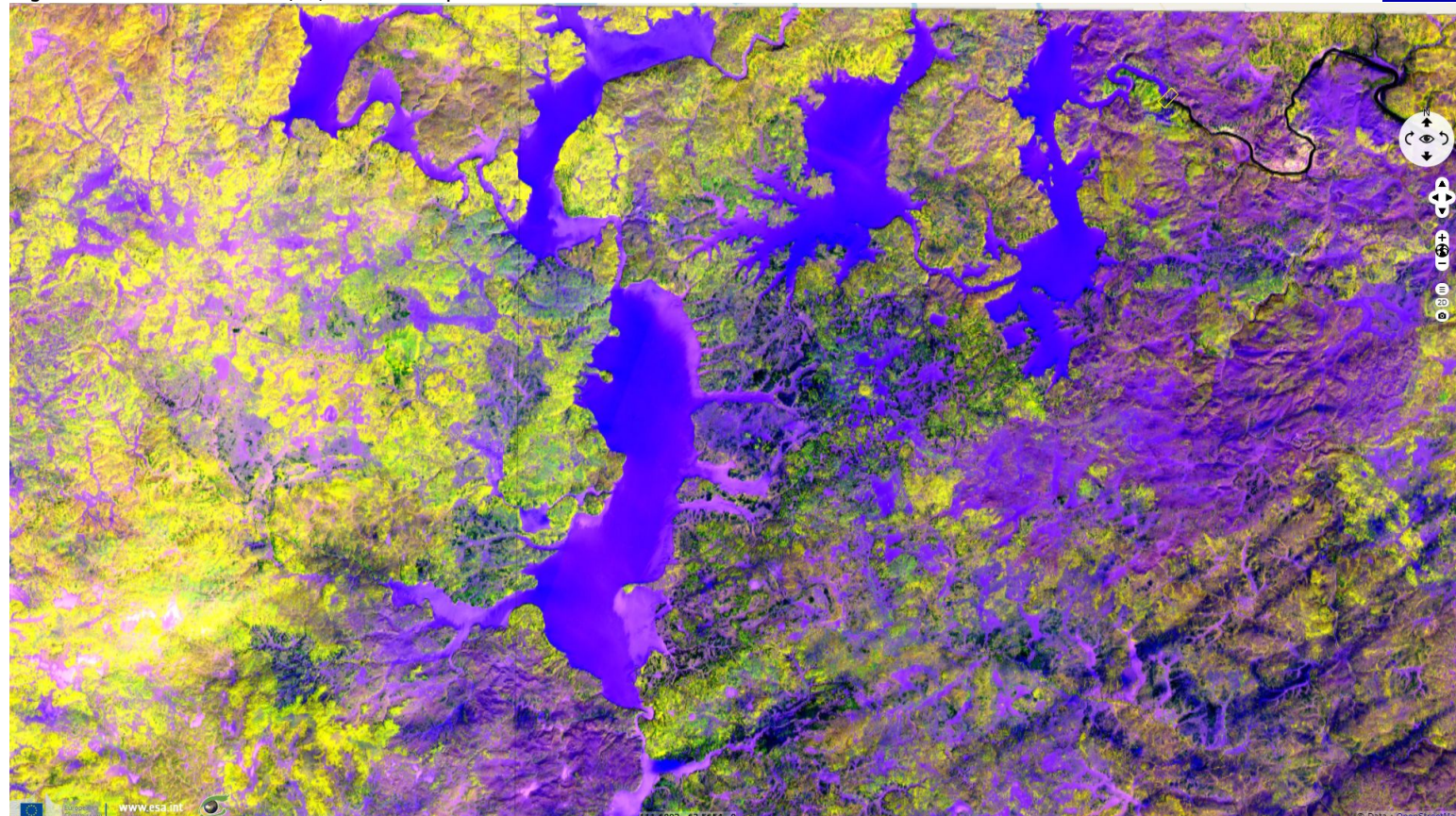
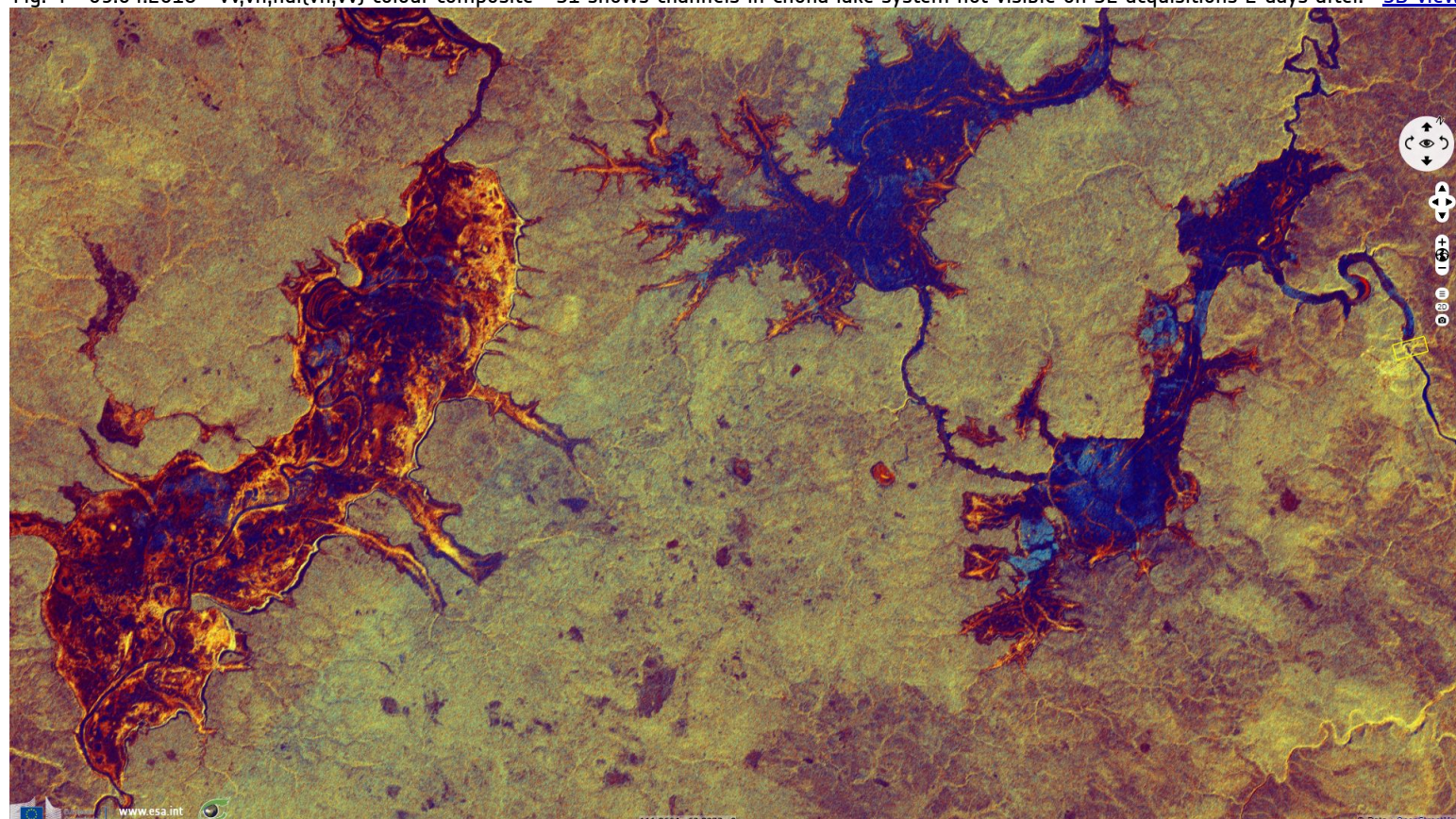


Fig. 4 - 09.04.2018 - vv,vh,ndi(vh,vv) colour composite - S1 shows channels in Chona lake system not visible on S2 acquisitions 2 days after. [3D view](#)



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